

Serial No.10/764,044

Amendment to the Abstract:

Kindly amend the paragraph beginning at page 46, lines 8 and 9.

ABSTRACT OF THE DISCLOSURE

In the method of detecting a localized sun gear fault, in the operation of an epicyclic gear train having ring, planet and sun gears, and a planet carrier, the steps that include detecting sun gear vibrations transmitted through each planet gear, computing separated averages of such detected vibrations, phase shifting ~~said~~ the averages to account for the differences in gear meshing positions, and re-combining ~~said~~ the phase shifted averages to produce a modified average value of the sun gear vibration.